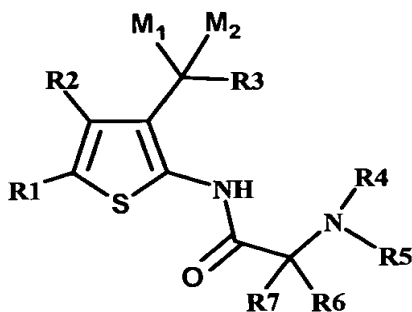


WHAT IS CLAIMED IS:

1. A compound of Formula I comprising:



Formula I

wherein:

- R_1 and R_2 are selected from the group consisting of H, alkyl, phenyl, substituted phenyl, benzyl, substituted benzyl, heteroaryl, substituted heteroaryl, hetroarylmethylene, and substituted hetroarylmethylene; or

R_1 and R_2 , along with the carbons to which they are attached, may form a 5- to 10-membered substituted or unsubstituted carbocyclic or heterocycloalkyl ring;

R_3 is alkyl, heteroalkyl, cycloalkyl, substituted or unsubstituted aryl, or substituted or unsubstituted heteroaryl;

R_4 and R_5 are independently H, alkyl, heteroalkyl, cycloalkyl, aryl, aralkyl, heteroaryl or heteroaralkyl;

R_4 and R_5 taken together with the nitrogen to which they are attached, may form a 3- to 8-membered substituted or unsubstituted nitrogen containing ring;

R_6 and R_7 are independently alkyl, heteroalkyl, aryl, aralkyl, heteroaryl or heteroaralkyl;

M_1 is hydrogen and M_2 is -OH; or

M_1 and M_2 taken together may form a carbonyl (C=O).
2. A compound according to Claim 1 in which R_1 and R_2 form a 5- or 6-membered heterocycloalkyl ring containing a heteroatom selected from O, N, or S.
3. A compound according to Claim 1 in which R_1 and R_2 are selected from H or alkyl.
4. A compound according to Claim 1 in which R_3 is substituted or unsubstituted aryl.

5. A compound according to Claim 1 in which R₃ is substituted or unsubstituted heteroaryl.
- 5 6. A compound according to Claim 6 wherein the heteroaryl ring is 1-methyl-5-trifluoromethyl-1-pyrazolyl.
7. A compound according to Claim 6 wherein the heteroaryl ring is 2-thienyl.
- 10 8. A compound according to Claim 6 wherein the heteroaryl ring is 2-furyl.
9. A compound according to Claim 1 in which R₄ and R₅ taken together form a 1-piperidinyl ring optionally substituted with -OH.
- 15 10. A compound according to Claim 1 in which R₇ and R₆ are H.
11. A compound according to Claim 1 selected from the group consisting of:
N-[3-(4-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-piperidin-1-ylacetamide;
20 N-{3-[(4-chlorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl}-2-piperidin-1-ylacetamide;
N-[3-(4-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;
N-{3-[(4-chlorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;
25 N-[5-ethyl-3-(4-methoxybenzoyl)thien-2-yl]-2-piperidin-1-ylacetamide;
N-[5-ethyl-3-(4-methoxybenzoyl)thien-2-yl]-2-pyrrolidin-1-ylacetamide;
N-[4-methyl-3-(benzoyl)thien-2-yl]-2-piperidin-1-ylacetamide;
N-[4,5-dimethyl-3-(4-chlorobenzoyl)thien-2-yl]-2-piperidin-1-ylacetamide; N-[3-(4-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-piperidin-1-ylacetamide;
30 N-[3-(4-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;

N-[3-(2-furoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-piperidin-1-ylacetamide;

N-[3-(2-furoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;

5 methyl 4-({2-[(piperidin-1-ylacetyl)amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-yl} carbonyl)benzoate;

N-[3-(3-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-piperidin-1-ylacetamide;

10 N-[3-(2-furoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-piperidin-1-ylacetamide;

N-[3-(2-furoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;

N-{3-[(4-chlorophenyl)sulfonyl]thien-2-yl}-2-piperidin-1-ylacetamide;

15 N-[(2Z,3Z)-3-(4-chlorobenzylidene)-3,4,5,7-tetrahydro-2H-thieno[2,3-c]pyran-2-ylidene]-2-piperidin-1-ylacetamide;

N-{3-[(4-chlorophenyl)(diethylamino)methyl]-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl}-2-piperidin-1-ylacetamide, dihydrochloride;

N-{3-[(4-chlorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-piperidin-1-ylacetamide;

20 N-{3-[(4-chlorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;

N-{3-[(4-chlorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;

25 N-[3-(4-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-[3-(hydroxymethyl)piperidin-1-yl]acetamide;

N-[3-(4-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-[3-(hydroxymethyl)piperidin-1-yl]acetamide;

2-azepan-1-yl-N-[3-(4-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]acetamide;

30 2-azepan-1-yl-N-{3-[(4-chlorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl} acetamide;

N-[3-(4-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-N-methyl-2-piperidin-1-ylacetamide;

2-(3-hydroxypiperidin-1-yl)-N-[3-(4-methylbenzoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]acetamide;

N-[3-(4-methylbenzoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-piperidin-1-ylacetamide;

5 N-[3-(4-methylbenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-piperidin-1-ylacetamide;

2-(3-hydroxypiperidin-1-yl)-N-[3-(4-methylbenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]acetamide;

10 N-[3-(3-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-piperidin-1-ylacetamide;

N-{3-[(3-chlorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;

N-{3-[(3-chlorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;

15 N-[3-(3-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;

2-(3-hydroxypiperidin-1-yl)-N-{3-[3-(trifluoromethyl)benzoyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}acetamide;

20 2-piperidin-1-yl-N-{3-[3-(trifluoromethyl)benzoyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}acetamide;

2-(3-hydroxypiperidin-1-yl)-N-(3-{hydroxy[3-(trifluoromethyl)phenyl]methyl}-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl)acetamide;

N-[3-(3,4-dichlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-piperidin-1-ylacetamide;

25 N-[3-(2,2-dimethylpropanoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;

2-piperidin-1-yl-N-[3-(thien-2-ylcarbonyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]acetamide;

30 2-(3-hydroxypiperidin-1-yl)-N-[3-(thien-2-ylcarbonyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]acetamide;

N-[3-(3,4-dichlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;

N-{3-[hydroxy(4-methylphenyl)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;

N-{3-[hydroxy(4-methylphenyl)methyl]-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;

5 2-(3-hydroxypiperidin-1-yl)-N-(3-{hydroxy[3-(trifluoromethyl)phenyl]methyl}-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl)acetamide;

2-(3-hydroxypiperidin-1-yl)-N-(3-{[1-methyl-5-(trifluoromethyl)-1H-pyrazol-4-yl]carbonyl}-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl)acetamide;

2-piperidin-1-yl-N-[3-(thien-2-ylcarbonyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-10 2-yl]acetamide;

2-(3-hydroxypiperidin-1-yl)-N-[3-(thien-2-ylcarbonyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]acetamide;

N-(3-{[1-methyl-5-(trifluoromethyl)-1H-pyrazol-4-yl]carbonyl}-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl)-2-piperidin-1-ylacetamide;

15 N-(3-{hydroxy[1-methyl-5-(trifluoromethyl)-1H-pyrazol-4-yl]methyl}-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl)-2-piperidin-1-ylacetamide;

N-(3-{hydroxy[1-methyl-5-(trifluoromethyl)-1H-pyrazol-4-yl]methyl}-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl)-2-(3-hydroxypiperidin-1-yl)acetamide;

2-(3-hydroxypiperidin-1-yl)-N-{3-[hydroxy(thien-2-yl)methyl]-4,7-dihydro-20 5H-thieno[2,3-c]thiopyran-2-yl}acetamide;

N-{3-[hydroxy(thien-2-yl)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-piperidin-1-ylacetamide;

N-[3-(4-fluorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-piperidin-1-ylacetamide;

25 2-piperidin-1-yl-N-[3-(4-piperidin-1-ylbenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]acetamide;

N-[3-(4-fluorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;

30 N-{3-[(4-fluorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;

N-[3-(3,4-difluorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;

N-[3-(3-fluorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-piperidin-1-ylacetamide;

N-[3-(3-fluorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;

5 N-{3-[(3-fluorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;

N-[3-(3-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;

10 N-{3-[(3-fluorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-piperidin-1-ylacetamide;

N-{3-[hydroxy(4-methylphenyl)methyl]-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl}-2-piperidin-1-ylacetamide;

N-[3-(3-fluorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-piperidin-1-ylacetamide;

15 N-{3-[2-(3-fluorophenoxy)benzoyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-piperidin-1-ylacetamide;

N-[3-(3-fluorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;

20 N-{3-[2-(3-fluorophenoxy)benzoyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;

N-{3-[(3-fluorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl}-2-piperidin-1-ylacetamide;

2-piperidin-1-yl-N-{3-[3-(trifluoromethyl)benzoyl]-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl}acetamide;

25 2-(3-hydroxypiperidin-1-yl)-N-{3-[3-(trifluoromethyl)benzoyl]-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl}acetamide;

N-[3-(1,1'-biphenyl-4-ylcarbonyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-piperidin-1-ylacetamide;

30 N-(3-{hydroxy[3-(trifluoromethyl)phenyl]methyl}-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)-2-piperidin-1-ylacetamide; and

N-[3-(1,1'-biphenyl-4-ylcarbonyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide.

12. A composition comprising 1 to 3 compounds according to Claim 1.
13. A composition comprising 1 to 3 compounds selected from the group consisting of:
- 5 N-[3-(4-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-piperidin-1-ylacetamide;
- N-{3-[(4-chlorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl}-2-piperidin-1-ylacetamide;
- N-[3-(4-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;
- 10 N-{3-[(4-chlorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;
- N-[5-ethyl-3-(4-methoxybenzoyl)thien-2-yl]-2-piperidin-1-ylacetamide;
- N-[5-ethyl-3-(4-methoxybenzoyl)thien-2-yl]-2-pyrrolidin-1-ylacetamide;
- N-[4-methyl-3-(benzoyl)thien-2-yl]-2-piperidin-1-ylacetamide;
- 15 N-[4,5-dimethyl-3-(4-chlorobenzoyl)thien-2-yl]-2-piperidin-1-ylacetamide;
- N-[3-(4-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-piperidin-1-ylacetamide;
- N-[3-(4-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;
- 20 N-[3-(2-furoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-piperidin-1-ylacetamide;
- N-[3-(2-furoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;
- methyl 4-({2-[(piperidin-1-ylacetyl)amino]-4,7-dihydro-5H-thieno[2,3-c]pyran-3-yl} carbonyl)benzoate;
- 25 N-[3-(3-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-piperidin-1-ylacetamide;
- N-[3-(2-furoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-piperidin-1-ylacetamide;
- 30 N-[3-(2-furoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;
- N-{3-[(4-chlorophenyl)sulfonyl]thien-2-yl}-2-piperidin-1-ylacetamide;

N-[(2Z,3Z)-3-(4-chlorobenzylidene)-3,4,5,7-tetrahydro-2H-thieno[2,3-c]pyran-2-ylidene]-2-piperidin-1-ylacetamide;

N-{3-[(4-chlorophenyl)(diethylamino)methyl]-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl}-2-piperidin-1-ylacetamide, dihydrochloride;

5 N-{3-[(4-chlorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-piperidin-1-ylacetamide;

N-{3-[(4-chlorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;

10 N-{3-[(4-chlorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;

N-[3-(4-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-[3-(hydroxymethyl)piperidin-1-yl]acetamide;

N-[3-(4-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-[3-(hydroxymethyl)piperidin-1-yl]acetamide;

15 2-azepan-1-yl-N-[3-(4-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]acetamide;

2-azepan-1-yl-N-{3-[(4-chlorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl} acetamide;

20 N-[3-(4-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-N-methyl-2-piperidin-1-ylacetamide;

2-(3-hydroxypiperidin-1-yl)-N-[3-(4-methylbenzoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]acetamide;

N-[3-(4-methylbenzoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-piperidin-1-ylacetamide;

25 N-[3-(4-methylbenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-piperidin-1-ylacetamide;

2-(3-hydroxypiperidin-1-yl)-N-[3-(4-methylbenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]acetamide;

30 N-[3-(3-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-piperidin-1-ylacetamide;

N-{3-[(3-chlorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;

N-{3-[(3-chlorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;

N-[3-(3-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;

5 2-(3-hydroxypiperidin-1-yl)-N-{3-[3-(trifluoromethyl)benzoyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl} acetamide;

2-piperidin-1-yl-N-{3-[3-(trifluoromethyl)benzoyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl} acetamide;

2-(3-hydroxypiperidin-1-yl)-N-(3-{hydroxy[3-(trifluoromethyl)phenyl]methyl})-
10 4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl)acetamide;

N-[3-(3,4-dichlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-piperidin-1-ylacetamide;

N-[3-(2,2-dimethylpropanoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;

15 2-piperidin-1-yl-N-[3-(thien-2-ylcarbonyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]acetamide;

2-(3-hydroxypiperidin-1-yl)-N-[3-(thien-2-ylcarbonyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]acetamide;

N-[3-(3,4-dichlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-(3-
20 hydroxypiperidin-1-yl)acetamide;

N-{3-[hydroxy(4-methylphenyl)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;

N-{3-[hydroxy(4-methylphenyl)methyl]-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;

25 2-(3-hydroxypiperidin-1-yl)-N-(3-{hydroxy[3-(trifluoromethyl)phenyl]methyl})-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl)acetamide;

2-(3-hydroxypiperidin-1-yl)-N-(3-{[1-methyl-5-(trifluoromethyl)-1H-pyrazol-4-yl]carbonyl}-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl)acetamide;

2-piperidin-1-yl-N-[3-(thien-2-ylcarbonyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-
30 2-yl]acetamide;

2-(3-hydroxypiperidin-1-yl)-N-[3-(thien-2-ylcarbonyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]acetamide;

N-(3-{[1-methyl-5-(trifluoromethyl)-1H-pyrazol-4-yl]carbonyl}-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl)-2-piperidin-1-ylacetamide;

N-(3-{hydroxy[1-methyl-5-(trifluoromethyl)-1H-pyrazol-4-yl]methyl}-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl)-2-piperidin-1-ylacetamide;

5 N-(3-{hydroxy[1-methyl-5-(trifluoromethyl)-1H-pyrazol-4-yl]methyl}-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl)-2-(3-hydroxypiperidin-1-yl)acetamide;

2-(3-hydroxypiperidin-1-yl)-N-{3-[hydroxy(thien-2-yl)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}acetamide;

10 N-{3-[hydroxy(thien-2-yl)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-piperidin-1-ylacetamide;

N-[3-(4-fluorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-piperidin-1-ylacetamide;

2-piperidin-1-yl-N-[3-(4-piperidin-1-ylbenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]acetamide;

15 N-[3-(4-fluorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;

N-{3-[(4-fluorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;

20 N-[3-(3,4-difluorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;

N-[3-(3-fluorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-piperidin-1-ylacetamide;

N-[3-(3-fluorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;

25 N-{3-[(3-fluorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;

N-[3-(3-chlorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;

30 N-{3-[(3-fluorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-piperidin-1-ylacetamide;

N-{3-[hydroxy(4-methylphenyl)methyl]-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl}-2-piperidin-1-ylacetamide;

N-[3-(3-fluorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-piperidin-1-ylacetamide;

N-{3-[2-(3-fluorophenoxy)benzoyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-piperidin-1-ylacetamide;

5 N-[3-(3-fluorobenzoyl)-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide;

N-{3-[2-(3-fluorophenoxy)benzoyl]-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl}-2-(3-hydroxypiperidin-1-yl)acetamide;

10 N-{3-[(3-fluorophenyl)(hydroxy)methyl]-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl}-2-piperidin-1-ylacetamide;

2-piperidin-1-yl-N-{3-[3-(trifluoromethyl)benzoyl]-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl} acetamide;

2-(3-hydroxypiperidin-1-yl)-N-{3-[3-(trifluoromethyl)benzoyl]-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl} acetamide;

15 N-[3-(1,1'-biphenyl-4-ylcarbonyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-piperidin-1-ylacetamide;

N-(3-{hydroxy[3-(trifluoromethyl)phenyl]methyl}-4,7-dihydro-5H-thieno[2,3-c]pyran-2-yl)-2-piperidin-1-ylacetamide; and

20 N-[3-(1,1'-biphenyl-4-ylcarbonyl)-4,7-dihydro-5H-thieno[2,3-c]thiopyran-2-yl]-2-(3-hydroxypiperidin-1-yl)acetamide.

14. A method of treating or preventing parasitic diseases in mammals comprising administering to a mammal in need thereof a composition comprising 1 to three compounds according to Claim 1.

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